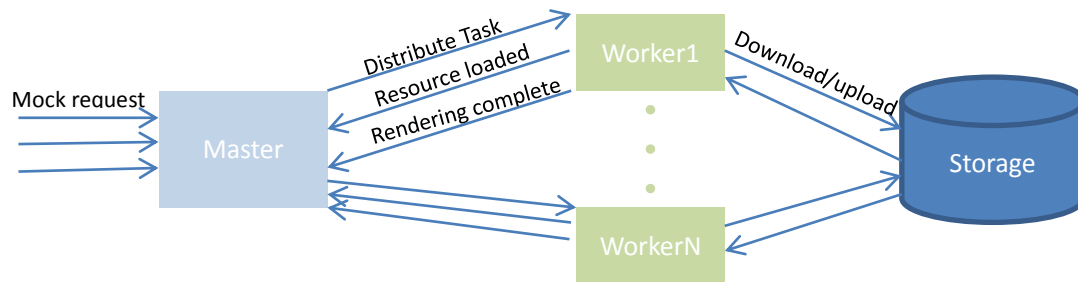


Weekly report (2012.9.10~9.16)

Done

- 1) After last discuss with Sikan, this week I complete a MPI program which is close to our goal functionally. First, the master make several mock request and distribute tasks to nodes, then each node will download the scene file(suppose the scene is not loaded at first) and info the master that the resource is loaded, so that the master can register it in the resource manager. After that, the node do the rendering and finally info the master when it completes rendering. All the steps seems without any problem temporary.



- 2) Finish my survey about massive data visualization based on MapReduce.

To Do

- 1) Implement a web application to display my rendering output, that is to find a way to display the hundreds of segments of the large resolution rendering results.
- 2) Discuss about the communication between web and back-end for the Meteorology Project with XU Xin.